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GL12 -----
GL4  CAAGGAGAGAGAGCATATATCCACCGATCATGATGAAGGTGGCAGCAAGAAGAAAGTGGCCGGTGGCGCGGC
GL5  CAATCAGATAGAGAGCATAGT-----CGATCATG---AAGGGTGGCA--AGAAAGAAAGTGGCCGGTG-----C

GL12 -----
GL4  GGTGGTGGCCATACTGCTGTTCTGCAGCTGATGGCAGCTCCACCGACGGCCCATGGCCGCCCGCTCGCCCGCGCGG
GL5  GGTGGTGGCCATACTGCTGTTCTGCAGCTCATGGCAGCTCCACCGACGGCCCATGGCCGCCCGCTCGCCCGCGCGG

GL12 -----
GL4  AGCCGTGCCGGATGGCTCCCTCGCCACGACGCCCAAGGTGACGATGCTGTACGCCACGCTGTGCTACACGGGGGA
GL5  AGCCGTGCCGGATGGCTCCCTCGCCACGACGCCCAAGGTGACGATGCTGTGGCCACGCTGTGCTACACGGGGGA

GL12 -----
GL4  GACATGCAAAATACATTACCTGCCTCACTCCTGCTTGTCTCCTGTAACTATGATGATCGTCGCTGCTACATCATATT
GL5  GACATGCAAAATACATTGGCTGCCTCACTCCTGCTTGTCTCCTGCAACTATAGTGATCGTCTATGCTACATCATATT

GL12 -----
GL4  TACTCCTGCTGCTGTGAGGCCATTCTGTGTACGTGAATGAAGCCCACTACTACTCTCACACAGCATGCGCCGGC
GL5  TACTCCTGTTG--CTTGAGGCCATTCCGGG-----AAGCCACAACCT-CTTACAATATGCATGCGCCGGC

GL12 -----TTTGTGTTTAAGNIGT-CGGG--CACAGCG--
GL4  CGACGACGTGCGTACGTATATATATACGCTCTACCTCGTGAGCTTTTGTTCGAGTGATACGTGTTTCAAGGCATC
GL5  CG-----CGCTGCCCTCTCGTGAGCTTCTGTTCAGTGATGCATGTTTCAAGGCATCCATGGCGACGACG-----

GL12 CGGCCCAGCATGAATGNTTATGAACGGAAATGTGTTAGTCTGTGTCTAGGCAACCGGGCAGCAGAAAGGGGTGTT
GL4  CATCCATCCATGGATGCTTATGTACGTATATGTGTTAGTCTGTGTCTAGGCAACCGGGCAGCAGAAAGGGGTGTT
GL5  --ACGATGCTT--TACGTATATGCGTATTAAAT-TAGCCGTGT--CAGGGAACCGGACA--GAAGGGGGGTGTT

GL12 GTATTATATATATTACGCTCTCTGCTGATTAAATAATAAAGGGGGCATGTTGGATGTGTGCAAAA
GL4  GTATTATATATATTNACGCTCTCTGCTGATTAAATAATAAAGGGGGCATGTTGGATGTGTGCAAAA
GL5  GTTTTAT---ATTACGCTCTCTGCTGATCAATAAAGGGGAAATATATGTTGGATGTGTGTAAAAA
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Fig. 1

1 TACTACAGAT AACACGACAG TTAACGAGCG GGTATGGGTT GTTTTCCTTG AGCACTGTTG
61 TTCTCTAGAA TCTCTGAATC TCTCTCTGTC TTGATGACAC CGAGCGGAAA TAGCAGTTGG
121 AAGAGGTGAT TGGGCTTCAG CGCGCGATCC AACCCAAGTG GGTTCACAA CGTGAACCTC
181 ATGCAGCTTA AAATACAGCC AGTTGTGATC CATCTGCCAC AGCTGTTTCT ACCTCAGATG
241 TGCTACACAG TGTATTACCT GTTCTACCT CGCAGATGTG CTACACAGTT GCTTATGACT
301 GCCTATAAAA TGGCCGGGAT CGGTGAGGCT GCTGGAACCA AGGAGAGAGA GCATATATAT
361 CCACCGATCC ATGCGATG

Fig. 2

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1  CGGGATCCCG  GCTTTCTGCA  CTGGACGTAG  TGTACTTTAT  ACTTGAAACT  TGTATAAATT
61  TGTGTCTTTT  ATACTCCCTC  AGTTTGAAAT  ATAGTTCTTT  CTAGCCTCTT  TTTTCCGTC
121  CACACTCAT  TGAATGATAA  TAAATATAGA  TATACATACA  AACTATATTC  ATAGTTAAT
181  TAATAAATGT  ATATTTAGTC  TAAATGAAA  TATATTTTAC  CCATCGTATT  CCTTATGCAT
241  GAAATGTTGA  TCTACTTTGC  TGATGGAAAA  ATACTATGAC  GTTGTGTGAC  CAGACCGCAC
301  CTAAATCAAA  CTGTTTTTCA  AGATGGCCAT  TCTATTATTG  TAGATTGTG  ATACGTACGA
361  TGTACTTTTT  TATCCATAAA  ATACCGTACC  ATTATGATAT  GGATATCTTG  ATGAGAGGGA
421  CTCATTATCT  CTCTCTATAT  ATATAAACAC  CTATATATCA  AACAGGCATC  AAGAAAAATA
481  GATGATTTTT  TTTTCTGAAG  TAGAGTGACA  GAAGCAGCTG  AAGTGTGAGT  CTTTTTGT
541  CAATTTTATA  ATGTGTAAG  AAAATGACGC  CAATGAAATA  TGTGTCTGGG  CTGACGTGTT
601  GTTTGGTGAA  AGCCAAATTT  GTTGTATATA  GGGGGGCCAG  AGCCAGTTG  TATTTGTG
661  CCGGACTGGC  GCCAAAAAAA  AAAATCCGGA  TAGTACTATT  CCGCTAACTG  TGTACACTT
721  TATCTAAAAT  TAGTCATCCA  AATTAAAGAA  CTAACCTTAG  ATACAAAAAA  TFAAACAAAG
781  TATGACAAAGT  TAGGTAGCAA  ACTAAACTAA  AGAGGATAAC  ACAACAGTTA  ACCGTCGACG
841  TCGCGGCCT  GAATTTACTA  CTACAGATAA  CACGACAGTT  AACGAGCGGG  TATGGGTTGT
901  TTTCCCTTGAG  CACTGTTGTT  CTCTAGAATC  TCTGAATCTC  TCTCTGTCTT  GATGACACCG
961  AGCGGAAATA  GCAGTTGGAA  GAGGTGATTG  GGCTTCAGCG  CGCGATCCAA  CCCAAGTGGG
1021  TTCCACAACG  TGAACCTCAT  GCAGCTTAAA  ATACAGCCAG  TTGTGATCCA  TCTGCCACAG
1081  CTGTTTCTAC  CTCAGATGTG  CTACACAGTG  TATTACCTGT  TTCTACCTCG  CAGATGTGCT
1141  ACACAGTTGC  TTATGACTGC  CTATAAAATG  GCCGGGATCG  GTGAGGCTGC  TGGAACCAAG
1201  GAGAGAGAGC  ATATATATCC  ACCGATCCAT  GGCATG

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Fig. 3

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1  GCGGGAATTT CATACTCATT ATATACGATG ATACACCATC ATACATAGTG ACATGACATA
61 CAATTAAAAG CAGAGATATA GAAAGAGCTT ATGGGAGATG GTAGAGTTTC ATAGAGATAA
121 AATTCTATAT ATACAATTAC CTAGTTTAAA TATGGTGTGA CAACATGGAA AACATTGTAC
181 CGAAGCTCAC CGCTGAAAAAT GGCCTTACAA AACTGAAAAG AAGATGTCAC TTGTTGTGAA
241 GCTCACCGAT GAAACTGGCC TAAACAAAAC ACTTACAA ACCTGATGTC CACTTGTTCT
301 GAAGCTCAC ACTAAGAATG ACCTTACAA ACTGAAACAA AAGATGTC CTTGTTCTAA
361 AGCTCACCA CTGAGAAAGC CTTACAAAAC TAAACAAA AAAATATGTC ACATGTTCTG
421 AAGCTCACCA CTGAGAAATG CTTACAAA CTGAAACAAA AATATGTCAT TTGTTTAGCT
481 TGTCACCTTA CTTTAGGAAA ACAAAAATCA TCGATATGTT TTTCTTGATG CCTGCTCGAT
541 ATGGGTGTTA TATATATATA TATATATACC GTTCATAAAT ATATGACATC GCTGACTTTT
601 TAAAAAATTT TAATCACTTG TCTTATTTAA AAAATAATGA GTTGTCATTT ATTTTTTGTG
661 TGGTTTGTGT TATCACTTAA GGTAGTTTGT GCTTAATTA AATTTTATAC TTTTGAATAA
721 GATAAATGGT CAAAGTTTTT TAAAAAATC AACATGTCAT ATATCTGTGA ACGGAGGTTG
781 TATTACAGAA TGTGCGACGT ACACGCTACC CAATAAATA CAACAAACAT TTGTTACTGG
841 AATTTTGCTC TTTGCGCATA GAATCCAATA CATAAATAA GTATAGGCAG CGAACCAAAAC
901 ACGTCCCAAG TTTTATAATT TGTAAGAATA ATGACAGCAT TTAATAATGA TAACACAATA
961 ATTAACCAGC GGGTAAGGGT AGTTTTCGTT GAGCACTGTT GCGGTTTAGA ATCGCTGGAC
1021 CTGCGTGTGT ATGAGACACA GCGGGTAGCA GTTGAAGAG ATGATTGGGC TAGCTAGCTT
1081 GAGCGATTCA GTCATCAACC CCAATATTGT TCCATTGCTG CATGCACATT TATCTATACC
1141 ACGACGACAC AACGTGAACC TCGTGCAGCT TTTTAAAATA CAGCCAGTTG TGATCCATCT
1201 ACCTGTCTGT CAGACGTGCT ACAGCCTACA GTTTAGTGAC TGCTGCCTAT AAAATGGCTG
1261 GCTGCTGGAG CAAAGCCAAA CCAATCAGAT AGAGAGCATA GTCGATCCAT GGCATG

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Fig. 4

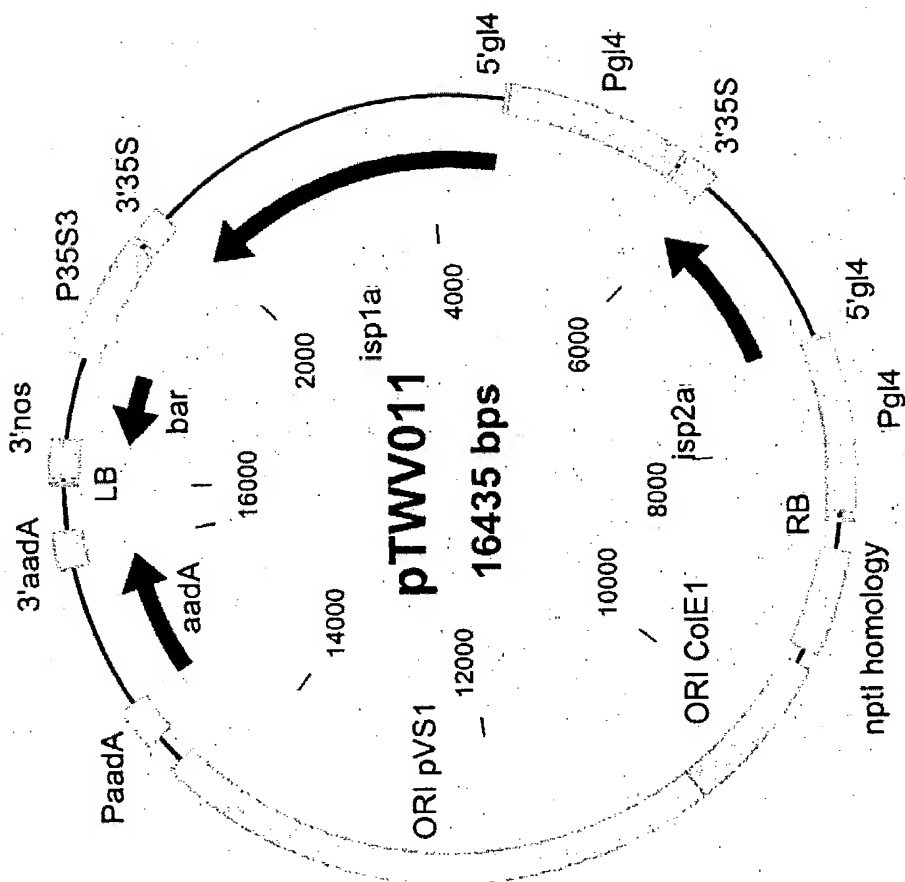


Fig. 5

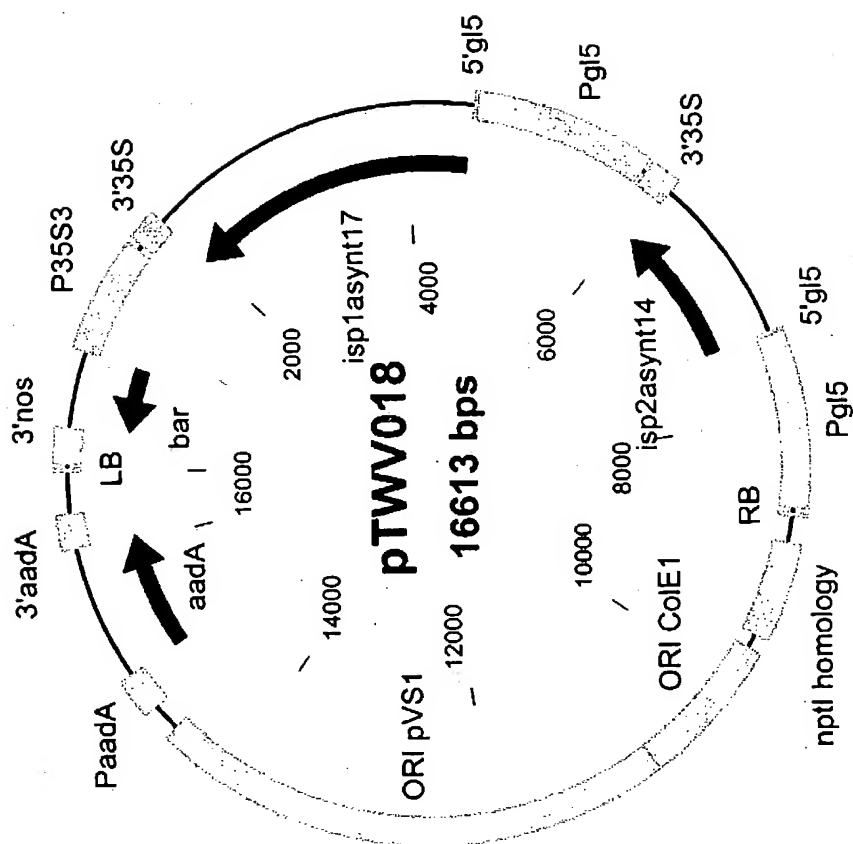


Fig. 6